

To: Adams, Glenn[Adams.Glenn@epa.gov]
Cc: Gervais, Gregory[Gervais.Gregory@epa.gov]
From: Hockey, David[/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FAD3DDDDDE6064E2CBBF3FF9C363B5FCF-DHOCKEY]
Sent: Thur 12/9/2021 3:51:55 PM (UTC)
Subject: Re: summary of decisions needed and unique nature of decision
ORR EMDF summary of decisions needed 12 8 21.docx

Ok. I'll pass along. Thanks
Dave

David Hockey
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On Dec 9, 2021, at 10:19 AM, Adams, Glenn <Adams.Glenn@epa.gov> wrote:

This is something else that might help with conversations with OW.

From: Amoroso, Cathy <Amoroso.Cathy@epa.gov>
Sent: Wednesday, December 8, 2021 12:00 PM
To: Adams, Glenn <Adams.Glenn@epa.gov>; Hockey, David <Hockey.David@epa.gov>
Subject: summary of decisions needed and unique nature of decision

Hi David and Glenn,
Attached is a summary of the decisions needed for the ORR EMDF,

Also included is a few bullets on the unique nature of the ORR rad limits (hopefully to support separating these decision from OW programs).
This is an initial list, please add to it.

Cleanup levels for radionuclides in surface water at the EMDF is a unique situation, and distinct from typical CWA/NPDES permit scenarios.

- The radionuclides of interest at Atomic Energy Act materials, that is, they are a byproduct of uranium enrichment and nuclear fission.
- Several radionuclides of interest are unique to nuclear fission and not expected to be found in other locations (Tc, Eu, Pu, Np, Co-60, Cs, Sr-90).
- Several of the radionuclides of interest have relatively short half-lives.
- The proposed surface water cleanup levels for radionuclides are specific to the CERCLA remedy.

Please replace the earlier version of the is document – it was very draft.

Cathy Amoroso, Chief
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